

DERWENT ABSTRACT FOR: JP 63-113049 to Shibuya et al. (Mitsubishi), published 18 May 1988;

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ACCESSION NUMBER: 1988-177758 [26] WPINDEX
DOC. NO. CPI: C1988-079246

TITLE: Injection moulding resin compsn. - contains polyolefin, polyphenylene ether, and copolymer made from specified monomers and unsatd. copolymer.

DERWENT CLASS: A17 A25 A95
PATENT ASSIGNEE(S): (MITP) MITSUBISHI PETROCHEMICAL CO LTD
COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 63113049	A	19880518	(198826)*	9	<--
JP 07088441	B2	19950927	(199543)	9	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 63113049	A	JP 1986-260441	19861031
JP 07088441	B2	JP 1986-260441	19861031

FILING DETAILS:

PATENT NO	KIND	PATENT NO
JP 07088441	B2 Based on	JP 63113049

PRIORITY APPLN. INFO: JP 1986-260441 19861031
AN 1988-177758 [26] WPINDEX

AB JP 63113049 A UPAB: 19930923

100 wt.pt. of polymer mixt. (a)+(b), comprising 5-95 wt.% of polyolefin (a), and 5-95 wt.% of polyphenylene ether (b), is blended with 2-100 wt. pt. of polymer mixt. (c) + (d), comprising 10-90 wt.% of copolymer (c) prep'd. from alkenyl aromatic monomer and conjugated diene monomer, and 10-90 wt.% of unsatd. copolymer (d) prep'd. from at least one selected from alpha-olefin monomer having 2-12C, and from at least one selected from non-conjugated diene monomer having 5-30C.

USE/ADVANTAGE - The compsn. can be esp. useful in injection moulding, and has excellent mechanical properties. The compsn. is used for prodn. of car interior and exterior, housings of electric machines, parts for office automation machines, etc..

CAPLUS ABSTRACT

AB Molding compns. with good moldability, impact, and oil resistance, useful in prep'd. elec. and automobile parts, etc., are prep'd. from polyolefins 5-95, polyoxyphenylenes 5-95, and 10-90:10-90 (alkenyl arom. compd.-conjugated diene compd. copolymer)-(C2-12 .alpha.-olefin-C5-30 nonconjugated diene compd. copolymer) blends 2-100 parts. A mixt. of polypropylene 45, poly(oxy-2,6-dimethyl-1,4-phenylene) 55, SBR rubber (JSR TR2000) 14, and methyl-1,4-hexadiene-propylene copolymer (I) 6 parts was injection molded to give a sheet having flexural modulus 15,900 kg/cm², Dynstat impact strength 5.1 kg-cm/cm², and good oil resistance (7 days in gasoline), vs. 18,100, 0.8, and good, resp., for a sheet prep'd. without JSR TR2000 and I.